

**UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant: Park  
Serial No.: 10/734,085  
Filed: December 11, 2003  
Title: HEAT GENERATING EXPANDER FOR HEAT PUMP  
SYSTEMS

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

PTO form 1449 is submitted herewith pursuant to the provisions of 37 CFR 1.97 and 1.98(a) as a means of complying with the requirements of 37 CFR 1.56 with respect to the above identified application. In accordance with Patent Office guidelines, a copy of the citations listed on PTO 1449 need not be provided. None of these references discloses the invention claimed in the subject application.

It is believed that this is being submitted within three months of the filing date of this application pursuant to 37 CFR 1.97(b)(1) and therefore no fees are required. If a petition and fee are required please consider this a petition to consider the Information Disclosure and charge all fees to Carlson, Gaskey & Olds, P.C., Deposit Account No. 50-1482.

Respectfully submitted,

**CARLSON, GASKEY & OLDS, P.C.**

John M. Siragusa  
Registration No. 46,174  
400 West Maple Road, Suite 350  
Birmingham, MI 48009  
(248) 988-8360

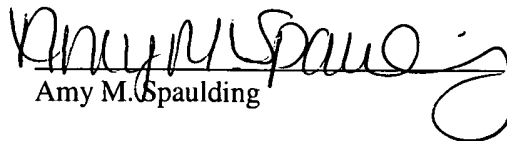
Dated: March 3, 2004



60246-259

**CERTIFICATE OF MAILING**

I hereby certify that the enclosed **IDS and Form PTO-1449** are being deposited with the United States Postal Service as First Class Mail, postage prepaid, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on March 3, 2004.

  
Amy M. Spaulding

